

Stab Test Apparatus

PENETRATION TESTING OF STAB-RESISTANT ARMOR



- Body armour, plate and shield perforation evaluation
- NIJ 0115.00, PSDB 6/99, and HOSDB 39/07/C compliant. Optional kits for testing to the CAST and VPAM standards
- Self-supporting structure with open channel guide tube and protective shield
- Manual crank system with computer display, motorized carriage lift system available
- Drop missile with magnetic release and blade/spike threat holders
- Adjustable pedestal base with 200 mm vertical range and 45° tilt angle
- Computer and custom test software to display drop height, impact speed and energy



Specifications

| | | | |
|----------------|---------|----------------|---|
| Impact Energy: | < 70 J | Velocity Gate: | Dual beam fibre optic, ± 0.01 m/s |
| Drop Height: | < 3.8 m | Software: | Biokinetics Stab Testing Software, installed on laptop (Windows 7+) |
| | | Part Number: | STA-002 |

Physical and Electrical

| | | | |
|------------------|----------------------------|----------------------------|---|
| Dimensions: | W 1200 x D 900 x H 5800 mm | Electrical: | 120 VAC @ 60 Hz / 240 VAC @ 50 Hz 200 W max. external, magnet 24 V DC. |
| Shipping Weight: | 300 kg | Floor space for operation: | W 1.33 x D 0.84 m |

Warranty

All components: 1 year limited

(All specifications are subject to change)